



CYBERDRIVE 
simulator system

SNOW REMOVAL SIMULATORS



The simulator feels real and helps build confidence by training in a safe place without risk to people or any equipment.

ThoroughTec Simulation is the world's leading developer of operator training simulators for high-risk equipment. With over 28 years' experience training the world's leading militaries and mining companies, we now bring you our next generation Full Mission Simulator for Snow Removal Operators!

CYBERDRIVE Snow Removal Simulators are the perfect solution for organisations looking to dramatically increase operational readiness while reducing associated costs. Traditional training methods suffer from rising fuel prices, emission and safety concerns, wear-and-tear of increasingly complex and expensive vehicles and the practical limitations of live snow clearing training, especially pre-season. Simulator-based training overcomes all of these constraints to offer the most efficient and cost-effective method of developing operator proficiency and maintaining team readiness.

CYBERDRIVE Simulators are intended for use by airports and training establishments. They may be used for screening prospective operators, novice skills development or refresher training and skills maintenance. ThoroughTec has the expertise and experience to accurately simulate any OEM vehicles and any airport or training area.



SIMULATING REALITY

A simulated vehicle that looks and feels real

Real Controls. Authentic OEM Components

CYBERDRIVE simulator cabs are highly realistic replicas of the actual airport equipment, where instruments and controls look, feel and operate as they do in the actual airport vehicle. Where fitted, electronic steering feedback systems complement the realism of the driving experience, providing return-to-centre feedback and the sensation of tyre rotation and interaction with the terrain.

High quality replicated and OEM components are used to ensure seamless operator acclimatisation, optimal training benefit and transfer of skills to the real-world.

Ultra-Realistic Experience

CYBERDRIVE simulators come standard with an electro-mechanical six-degree of freedom (6DOF) motion platform, providing ultra-realistic motion, at a level usually only seen in flight simulation. This is matched with additional effects systems, such as active steering feedback, 4K UHD panoramic screens and 5.1 surround-sound to completely immerse the operator in the training experience. In this manner, CYBERDRIVE Simulators ensure optimal retention of experiential learning.



High-fidelity Interchangeable Cabs

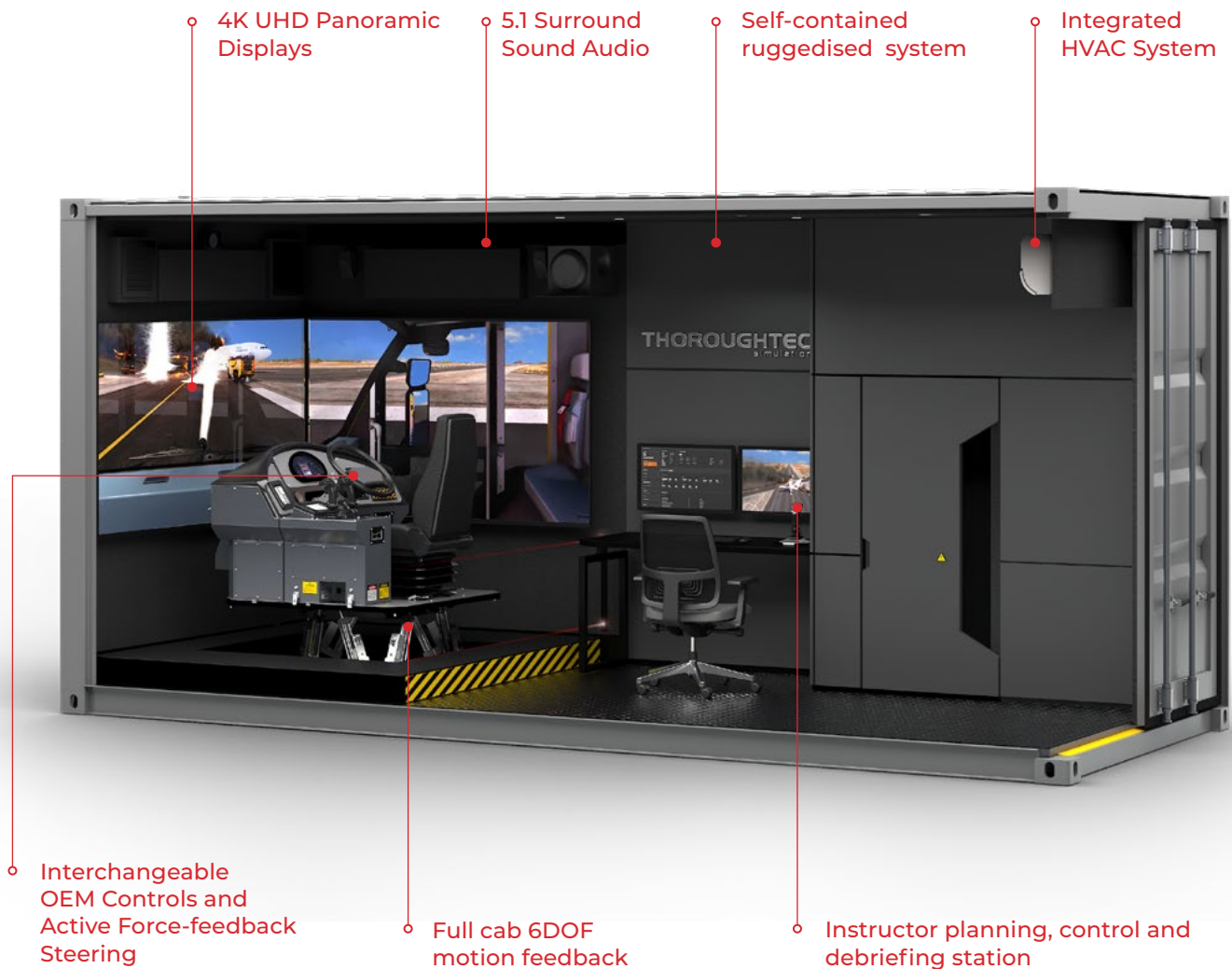
Every CYBERDRIVE simulator cab is modular by design and easily detached from the motion platform and swapped for another airside driving simulator cab within minutes. This interchangeable architecture means a single base unit can support multiple equipment types without duplicating base unit costs. As your fleet or training requirements grow, additional cabs can be integrated with your existing simulator infrastructure, providing scalable expansion of training capability while minimising capital costs and maximising return on investment.



CONTAINERISED SIMULATOR SYSTEM

Rugged and transportable

The Containerised CYBERDRIVE Simulation System is intended for customers with little or no established training infrastructure, or those seeking to move their systems from time to time. The simulator is housed in a 6m ISO container which is insulated, air-conditioned, heated and protected against the elements. The professionally designed and well-appointed interior creates a self-contained learning environment able to operate with the bare minimum of services and infrastructure, delivering cutting edge training to the operational front line.



FIXED FACILITY **SIMULATOR SYSTEM**

Optimised for indoor classroom learning environments

The **Fixed-Facility CYBERDRIVE simulator system** is intended for more established customers and designed to be deployed into existing classrooms. The simulator offers all the features and capabilities of the containerised version, in a lighter, compact package.



REAL PRESSURE **VIRTUAL RISK**

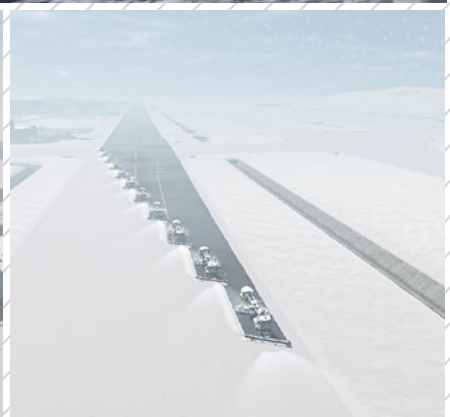
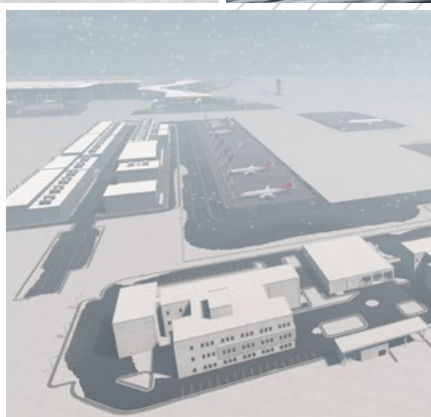
The most realistic, flexible and effective way to train

Customised Virtual Airports and Scenarios

Virtual airport environments are meticulously modelled to replicate real-world conditions in exceptional detail. Whether it's a large international hub or a regional airport, every runway, taxiway, parking bay, and service road is recreated to mirror the layout and operational characteristics of your actual airport, ensuring that each training scenario reflects the true challenges faced on the airfield. These highly detailed virtual worlds enable employees to familiarise themselves with your specific airport layouts, rules and routes in a safe, controlled setting.

Advanced Training Tools

CYBERDRIVE Snow Removal simulators feature an integrated suite of powerful and intuitive training tools, allowing instructors to create highly customised exercises. Operator behaviour is monitored in real time, and automatically recorded and analysed for post-mission performance reporting. Additionally, real-time coaching is facilitated through an in-session situational visualisation and messaging system, whilst debriefing takes place around the dynamic 3D After-Action Review (AAR) system.





ThoroughTec Simulation is an international, ISO 9001 and 14001 company, dedicated to developing the world's most realistic, reliable and effective training simulators. With over 28 years' experience producing hi-fidelity Full Mission Simulators, ThoroughTec offers a full suite of design, manufacturing and after-sales services. Having successfully deployed more than 725 vehicle simulators around the world, ThoroughTec Simulation stands out as a uniquely focused, specialist supplier of driver operator simulators for complex, high-risk and high-cost equipment. Contact ThoroughTec today to see how CYBERDRIVE Simulators can change the way you train!

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